

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	25320547	(@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:05
S2	79	709/223.ccls. and 709/224.ccls. and 709/225.ccls. and 709/226.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:42
S3	14377	709/223.ccls. or 709/224.ccls. or 709/225.ccls. or 709/226.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:42
S4	5724	709/223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:43
S5	6026	709/224.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:43
S6	2759	709/225.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:43

## EAST Search History

S7	2541	709/226.ccls.		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:43
S8	32	(network near4 (dark adj fiber))		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:57
S9	0	S7 and S8		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:56
S10	2	"709"/\$.ccls. and S8		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:56
S11	2	S1 and S10		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:56
S12	32	(network near4 (dark adj (fiber or fibre)))		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:57
S13	27	S1 and S12		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/04 13:57

## EAST Search History

S14	7	("5825515"   "5923453"   "5943146"   "5995254"   "6028684"   "6301404"   "6331906").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:00
S15	0	(nms or ("network management" adj (system or systems))) near5 ("layer-1" or "layer 1" or "level-1" or "level 1" or "data link layer" or "data layer") same (resource\$2 adj (management or allocation))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:03
S16	1962	(nms or ("network management" adj (system or systems))) near5 ("layer-1" or "layer 1" or "level-1" or "level 1" or "data link layer" or "data layer")	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:04
S17	1514	S1 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:25
S18	0	709/226.ccls. and S17	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:04
S19	2	"709"/\$.ccls. and S17	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:05
S20	3	("709"/\$.ccls. or "370"/\$.ccls.) and S17	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:25
S21	7	"managing network resources".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:27
S22	4	S1 and S21	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:26
S23	0	"managing telecom resources".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:27
S24	0	"managing data layer resources".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:27

## EAST Search History

S25	0	"managing layer 1 resources".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 14:28
S26	0	"managing layer 1".ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:02
S27	2293	S1 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:16
S28	106	S7 and grid	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:36
S29	0	(manag\$4 adj carrier adj network\$2).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:36
S30	3	(manag\$4 adj carrier adj network\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:38
S31	3	(manag\$4 adj carrier adj network\$2)	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:38
S32	2	(nms near3 (carrier adj network\$2))	US-PGPUB; USPAT; USOCR; DERWENT; IBM_TDB	OR	ON	2007/04/04 15:39
S33	2	("network management system" near5 ("carrier network" or idle or "shared network"))	DERWENT	OR	ON	2007/04/04 17:22
S34	524	("carrier network" or "idle network" or "shared network")	DERWENT	OR	ON	2007/04/04 17:23
S35	404	S1 and S34.	DERWENT	OR	ON	2007/04/04 17:25
S36	7	S35 and (nms or (network\$2 adj manage\$5 adj (system or interface)))	DERWENT	OR	ON	2007/04/04 17:26

## EAST Search History

S37	29	(US-20060129940-\$ or US-20040153544-\$ or US-20050021758-\$ or US-20040098457-\$ or US-20030101263-\$ or US-20020143949-\$ or US-20010039582-\$ or US-20050125537-\$ or US-20050188088-\$ or US-20040215780-\$).did. or (US-6823385-\$ or US-6850706-\$ or US-6760339-\$ or US-6052722-\$ or US-6954739-\$ or US-6466980-\$ or US-6463454-\$ or US-6119159-\$ or US-7188251-\$ or US-6917628-\$ or US-6578077-\$ or US-6502131-\$ or US-6430618-\$).did. or (US-7155217-\$ or US-6961335-\$ or EP-1327934-\$ or US-20060025156-\$ or US-20060114926-\$ or US-20060034330-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/05 15:15
S38	2	S37 and telnet	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/05 15:15
S39	4	S37 and corba	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/05 15:17
S40	5	S37 and xml	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/05 15:16
S41	2	S37 and nms	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/05 15:18
S42	29	S37 and (nms or (network management system))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/05 15:18
S43	9	S37 and (nms or (network adj management adj system))	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/05 15:18
S44	2	"6445919".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:24
S45	15	("5420916"   "5513343"   "5636261"   "5655001"   "5771459"   "5786770"   "5809028"   "5832503"   "5870400"   "5894478"   "5912897"   "5948063"   "5961588"   "6021331"   "6111893").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/08 18:24

## EAST Search History

S46	0	(carrier adj network42) same (nms or (network adj management adj system\$2) or doc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:28
S47	0	(carrier adj network42) same (nms or (network adj management adj system\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:28
S48	0	(carrier adj network42) near4 (nms or (network adj management adj system\$2) or doc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:28
S49	18	(carrier adj network\$2) near4 (nms or (network adj management adj system\$2) or doc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:29
S50	25322603	(@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:29
S51	15	S50 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:29
S52	15	(US-20040098457-\$ or US-20040005038-\$ or US-20030169765-\$ or US-20030046329-\$ or US-20010039582-\$).did. or (US-7174555-\$ or US-7120686-\$ or US-6917622-\$ or US-6594764-\$ or US-6452924-\$ or US-6272127-\$ or US-6208721-\$ or US-6141777-\$).did. or (US-20020003806-\$ or US-20010043617-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/08 18:30

## EAST Search History

S53	15	S52 and (carrier adj network\$2)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/08 18:30
S54	6	S52 and (nms)	US-PGPUB; USPAT; DERWENT	OR	ON	2007/04/08 18:30
S55	25374397	(@rlad<"20031125" or @ad<"20031125")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:06
S56	547998	S55 and (nms or "network management system" or ((grid or network) adj manag\$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:08
S57	32936	S56 and ("layer one" or "layer-1" or "layer 1" or (dark adj fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:10
S58	429	S57 and "709"/\$.cdls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:15
S59	10	S58 and (dark adj (fiber or fibre))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:15
S60	38	S58 and telecom	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:15

## EAST Search History

S61	281	S58 and provision\$4		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:22
S62	132	S58 and "370"/\$.ccls.		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:32
S63	0	S55 and ((dark adj (fiber or fibre)) adj2 provision\$4)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:33
S64	0	S55 and ((dark adj (fiber or fibre)) near3 provision\$4)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:35
S65	100	S55 and (("layer-1" or "layer 1" or (layer adj (S55 or one))) near3 provision\$4)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:41
S66	499	S55 and (grid near3 provision\$4)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:43
S67	1	S66 and telecom		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:44



## EAST Search History

S68	1	S66 and isp		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:44
S69	11	S66 and "709"/\$.ccds.		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 16:44
S75	25378853	(@rlad<"20031125" or @ad<"20031125")		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:49
S76	519573	S75 and ((nms) or (network adj manag\$5 adj (system or control)) near4 messag4)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:51
S77	41	S76 and (xml and jms)		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/16 16:52
S78	39	(US-20040153544-\$ or US-20010039582-\$ or US-20050021758-\$ or US-20060129940-\$ or US-20020143949-\$ or US-20040098457-\$ or US-20030101263-\$ or US-20050188088-\$ or US-20050125537-\$ or US-20040215780-\$ or US-20020174207-\$ or US-20030115361-\$ or US-20010049730-\$ or US-20020004827-\$).did. or (US-6681232-\$ or US-7188251-\$ or US-6917628-\$ or US-6823385-\$ or US-6954739-\$ or US-6052722-\$ or US-6760339-\$ or US-6850706-\$ or US-6578077-\$ or US-6502131-\$ or US-6466980-\$ or US-6463454-\$ or US-6430618-\$ or US-6119159-\$ or US-7209551-\$ or US-6674756-\$ or US-5991292-\$ or US-5974459-\$ or US-5583997-\$).did. or (US-20060025156-\$ or US-6961335-\$ or US-20060114926-\$ or US-7155217-\$ or US-20060034330-\$ or EP-1327934-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/07/19 13:32	

## EAST Search History

S79	5	S78 and CORBA	US-PGPUB; USPAT; DERWENT	OR	ON	2007/07/19 13:32
-----	---	---------------	--------------------------------	----	----	------------------